

Statement of Work Cable Hardware

The Remote Maintenance System Engineering Team (RMSET) located at the Federal Aviation Administration (FAA) requires cable hardware to support the Remote Monitor and Logging System (RMLS) national phased deployment from the Maintenance Processor Subsystem (MPS).

The Cable will provide data communications to the RMLS that reduces electron magnetic induced noise and variations in signal wave formats and consist of the following components. No substitute of equipment will be accepted.

The hardware components will consist of:

1. 6 twisted, stranded pair of wires.
2. A low capacitance of 12.95 picofarad per foot
3. 7x32 stranded to add up to 24 AWG
4. Plenum rated
5. Made of tinned-copper material
6. 24 AWG stranded tinned-copper drain wire
7. Must meet EIA RS232 and EIA RS422 application standards
8. Must meet or exceed the Belden 88106 wire standards

The potential vendor must have the ability to provide up to sixty (60) spools of one thousand (1,000) foot cables, that encapsulates the above requirements to the following location:

FAA William J. Hughes Technical Center (WJHTC)
Atlantic City International Airport
Atlantic City, NJ 08405

The vendor must provide a one (1) year warranty once the equipment is installed and provide maintenance and repair service during normal business hours (9 to 5, local time) on normal business days, excluding Federal Holidays. The potential vendor must furnish all parts, and service to maintain the hardware as part of the warranty period. The vendor must provide the Contracting Officer Representative (COR) with the phone numbers of their service center/s for trouble calls and repairs. The FAA will be responsible for the shipping costs of sending the parts to the vendor. The vendor is responsible for the shipping costs of mailing the parts back to the FAA.